

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L10	1	"7089876".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/21 13:13
S1	1	"10575679"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 15:31
S2	1	"7089876".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/14 16:35
S3	1	"20080281481"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/14 16:36
S4	1	"7144057".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/14 16:43
S5	1	"10575679" and suction	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/17 17:02
S6	1	"10575679" and climb\$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/17 17:08
S7	1	"20090301522"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/17 17:34
S8	1	"5435031".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/17 17:45
S9	1	"20040021439"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/17 17:47
S10	1	"5771987".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/17 17:49
S11	1	"4786334".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/17 17:49
S12	3	(("6845918") or ("6309468") or ("4518437")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/17 17:50
S14	197	pool AND robot AND drive AND controller AND current AND threshold AND wall	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/19 17:16
S15	1	pool same robot same drive same controller same current same threshold same wall	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/19 17:17
S16	4	pool same2 robot same2 drive same2 controller same2 current same2 threshold same2 wall	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/19 17:17
S17	15	("4518437" "5337434" "5435031" "5569371" "5715797" "5947051" "6299699" "6409916" "6412133" "6758655" "6797157" "6842931").PN. OR ("6965814").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/19 17:21
S18	140	pool same2 robot same2 (cartesian or scanning or pattern)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/19 18:01
S19	1	pool same robot same (cartesian)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/19 18:01
S20	1	cartesian\$1like near3 scanning	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/19 18:03
S21	132	cartesian near3 scanning	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/19 18:03

S22	9	cartesian near3 scanning near3 pattern	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/19 18:03
S23	13	"1122382"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/20 11:24
S24	5	"2004019295"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/20 11:27
S25	3	(("5771987") or ("4786334") or ("6815918")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/20 11:55
S26	0	S25 and drive and threshold and current and control\$4 and wall	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 11:57
S27	2	S25 and drive and (threshold or predetermined) and current and control\$4 and wall	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 11:57
S28	149173	drive and (threshold or predetermined) and current and control\$4 and wall	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 12:14
S29	36	drive same4 (threshold or predetermined) same4 current same4 (control\$4 or processor or microprocessor) same4 wall same4 pool same4 (robot\$2 or cleaner or unmanned or selfguided or autonomous)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 12:17
S30	0	(drive near0 means) same (robot\$2 or unmanned or autonomous or selfguid\$3 or cleaner) same (control or controller or processor or microprocessor) same current same (threshold or predetermined or limit or interval or range) same wall same impact	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 13:37
S31	2	(driv\$3) same (robot\$2 or unmanned or autonomous or selfguid\$3 or cleaner) same (control or controller or processor or microprocessor) same current same (threshold or predetermined or limit or interval or range) same wall same impact	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 13:38
S32	300	(driv\$3) same4 (robot\$2 or unmanned or autonomous or selfguid\$3 or cleaner) same4 (control or controller or processor or microprocessor) same4 current same4 (threshold or predetermined or limit or interval or range) same4 wall same4 impact	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 13:38
S33	18	(driv\$3) same4 (robot\$2 or unmanned or autonomous or selfguid\$3 or cleaner) same4 (control or controller or processor or microprocessor) same4 current same4 (threshold or predetermined or limit or interval or range) same4 wall same4 impact same4 pool	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 13:39

S34	8	(driv\$3) same2 (robot\$2 or unmanned or autonomous or selfguid\$3 or cleaner) same2 (control or controller or processor or microprocessor) same2 current same2 (threshold or predetermined or limit or interval or range) same2 wall same2 impact same2 pool	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 13:44
S35	2	(("5213172") or ("5467813")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/20 13:54
S36	3	robot and pool and drive and (average adj current) and obstacle	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 14:16
S37	13	robot and pool and drive and (average adj current) and (obstacle or wall)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 14:17
S38	3376	700/245,253,255,258,262,302.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 14:21
S39	2011	180/167,168,169.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 14:22
S40	1950	318/568.12,580,581,587.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 14:22
S41	4799	701/50,213.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 14:22
S42	992	901/1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 14:23
S43	9	(("7,247,069") or ("7,143,502") or ("7,118,678") or ("7,089,876") or ("6,842,931") or ("6,815,918") or ("6,758,226") or ("6,299,699") or ("20080281481")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/20 14:24
S44	19	("5208521" "5256207" "5309592" "5454129" "5507058" "5569371" "6039886").PN. OR ("6299699").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 14:33
S45	6	"10007103"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 16:37
S46	3	"20030120389"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 16:45
S54	2	"20030120389" and drive and controller and (wall or obstacle) and pattern	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 16:58
S55	88	"6255793"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:03
S56	1	("6255793").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/20 17:03
S57	739	drive same2 average same2 current same2 multiply\$3 same2 constant	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:30
S58	62	drive same average same current same multiply\$ same constant	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:31
S59	1	drive same average same current same multiply\$ same constant same robot	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:34
S60	0	drive same average same current same multiply\$ same constant same cleaner	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:34
S61	3	drive same (average adj current) same multiply\$ same constant	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:35
S62	120	drive same (average near5 (current or voltage)) same (multiply\$ or amplifying) same (constant or gain)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/21 09:51

S63	1	drive same (average near5 (current or voltage)) same (multiply\$ or amplifying) same (constant or gain) same (robot\$2 or autonomous or unmanned or selfguid\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/21 09:54
S64	11	drive same (average near5 (current or voltage)) same (multiply\$ or amplifying) same (constant or gain) same (robot\$2 or autonomous or unmanned or selfguid\$3 or cleaner or vacuum)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/21 09:55
S65	11	drive same (average near5 (current or voltage)) same (multiply\$ or amplifying) same (constant or gain) same (robot\$2 or autonomous or unmanned or selfguid\$3 or cleaner or vacuum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/21 10:00
S66	3248	drive with (average near5 (current or voltage))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/21 10:01
S67	11	drive with (average near5 (current or voltage)) with (multiply\$ or amplifying) with (constant or gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/21 10:01
S68	9	drive with (average near5 (current or voltage)) with (robot\$2 or autonomous or unmanned or selfguid\$3 or cleaner or vacuum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/21 10:03
S69	5	driv\$3 with (threshold or reference or limit or predetermined or interval or range) with (average near5 (current or voltage)) with (robot\$2 or autonomous or unmanned or selfguid\$3 or cleaner or vacuum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/21 10:11
S70	817	(threshold or reference or limit or predetermined or interval or range) with (average near5 (current or voltage)) with (gain or amplify\$3 or multiply\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/21 10:14
S71	375	(threshold or reference or limit or predetermined or interval or range) with (average near5 (current)) with (gain or amplify\$3 or multiply\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/21 10:16
S72	227	(threshold or reference or limit or predetermined or interval or range) with (average near5 (current)) with (gain or amplify\$3 or multiply\$3) and drive\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/21 10:17

S73	16	(threshold or reference or limit or predetermined or interval or range) with (average near5 (current)) with (gain or amplify\$3 or multiply\$3) with drive\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/21 10:17
S74	22	(threshold or reference or limit or predetermined or interval or range) with (average near5 (current)) with (gain or amplify\$3 or multiply\$3) with driv\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/21 10:17
S75	1	("6262546").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/21 10:48
S76	0	S75 and threshold and (average adj current) and gain and constant and driv\$3	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/21 10:49
S77	1	S75 and threshold and (average adj current) and gain and driv\$3	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/21 10:50
S78	0	"6021361".pn. and threshold and (average and current) and gain and driv\$3	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/21 10:58
S79	1	"6021361".pn. and threshold and (average and current) and driv\$3	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/21 10:58
S82	1	"6842931".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/21 11:50

EAST Search History (Interference)

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